# **CP-AW2503** LCD Projector

HITACHI
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## Ultra short throw LCD projector with a suite of advanced features.

Ultra Short Throw Series

### Key Features

- WXGA 1280 x 800 resolution
- 2,700 ANSI lumens white/color output
- 5000:1 contrast ratio
- HDMI 2 inputs
- Accentualizer - advanced image processing
- High Dynamic Contrast Range (HDCR)
- ImageCare Technology for energy savings
- Wireless compatible
- Projector Quick Connect iOS App

Hitachi's CP-AW2503 ultra short throw LCD projector is ideally suited for producing large images in limited spaces. It provides vibrant image quality with cost-effective operation. A suite of advanced features normally found only on higher end models includes High Dynamic Contrast Range (HDCR), 2 HDMI ports, and Hitachi's original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade. Along with its light weight and compact design, the CP-AW2503 offers Hitachi's most appreciated installation feature, "Perfect Fit", allowing time saving and ease of installation. As with all Hitachi projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. Plus, Hitachi's Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with energy savings for a lower total cost of ownership. For added peace of mind, Hitachi's CP-AW2503 is also backed by a generous 3 year warranty and our world-class service and support programs.

# CP-AW2503

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YouTube

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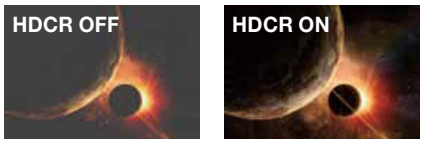
## UNIQUE FEATURES

### Accentualizer

Hitachi original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.

### HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increas ing contrast occurs. This results in clear images even in bright rooms.




### Cloning Function

Copy setting data from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.

### ImageCare Technology

ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

### Intelligent Eco and Saver Modes

Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

### Perfect Fit 2

Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

### Projector Quick Connection App For Mobile Devices

Our iOS application offers projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL11N wireless adapter.

### Tabletop Presentation

Make any tabletop a projection screen using the optional tabletop stand. Ideal for a small group environment or in a room with limited space.

## STANDARD FEATURES

**Ultra Short Throw Series**

### Input Source Naming

Laptop
DVD Player
Document Camera

Users can name input sources in simple language instead of factory default names.

### Microphone Input

A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

### Network Control, Maintenance and Security

Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

### PC-Less Presentation

By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow and video function.

### PIN Lock / MyScreen / MyText

PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

### PJMessenger

ALERT!!!

PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

### Present Content via LAN

Hitachi's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

### Template Function

Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

### Wireless Presentation Compatible

Connect the projector to a a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11b/g and the latest 11n.

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* Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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## Enhance the experience with Hitachi's CP-AW2503.

The CP-AW2503 ultra short throw LCD projector from Hitachi is specifically designed to enhance the visual experience — from the audience to presenters. Vivid colors. Bold graphics. Crisp text. The CP-AW2503 does it all in environments of all sizes. With 2,700 ANSI lumens of brightness and WXGA 1280 x 800

resolution, the CP-AW2503 provides the perfect compatible solution. It also features a high contrast ratio, long lamp life, cloning function enabling you to copy settings data from one projector to others of the same model, and is wireless presentation ready. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer, and email alerts). Best of all, the high performance CP-AW2503 is exceptionally reliable and offers a very low cost of ownership.

3/4 View
(with cable cover)

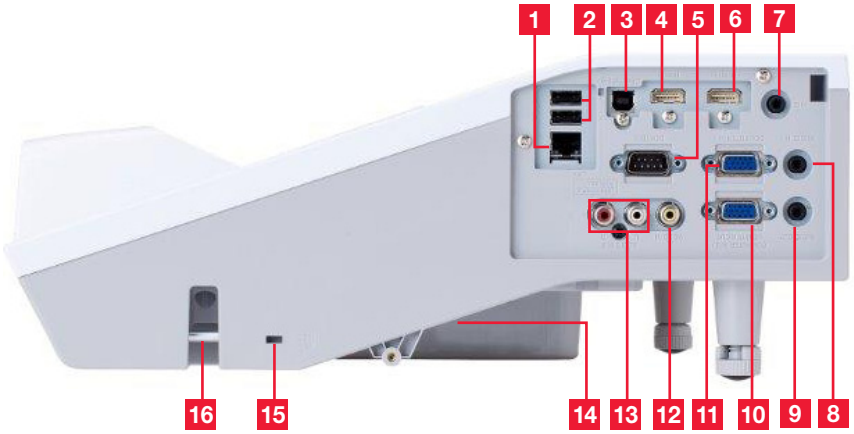
Ultra Short Throw Series

Front View (without cable cover)

Top View (with cable cover)

Wall Mounted
(with cable cover)

## Input/Outputs




1. LAN
2. USB Type A x 2
3. USB Type B
4. HDMI 1
5. Control (RS-232C)
6. HDMI 2
7. Microphone Input
8. Audio in
9. Audio out
10. Computer in 2/ Monitor out
11. Computer in 1
12. Video in
13. Audio in 2
14. AC in (located on back side of the projector)
15. Kensington lock
16. Security bar

3LCD Technology

Closed Captioning

Crestron Integrated Partner

AMX Device Discovery

Hitachi Trade-Up Program

3 Year Warranty

HDMI

# CP-AW2503

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# **CP-AW2503** LCD Projector

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| Accessories | |
|---|---|
| **Supplied Accessories** | Remote control, power cord, computer cable, user's manual, network manual |
| **Optional Accessories** | HAS-WM03 wall mount, wall plates, wall adapter, USBWL11N USB wireless adapter, MS-1 wired and MS-1WL wireless multifunction switchers, TT-03 tabletop stand |
| **Replacement Parts** | |
| **Lamp** | DT01411 with filter |
| **Remote Control** | HL03033 |
| **Filter** | UX37191 |

### Projection Throw Chart (In inches)

| Screen Size 16:10 | Throw Distance | |
|---|---|---|
| **Diagonal** | **Distance from edge of projector to screen** | **Distance from mirror cover to screen** |
| 60 | 5.0 | 16.1 |
| 70 | 7.8 | 18.9 |
| 80 | 10.5 | 21.6 |
| 90 | 13.3 | 24.4 |
| 100 | 16.1 | 27.1 |

Throw Ratio: (distance : width)
0.2 : 1 from edge of projector
0.3 : 1 from mirror cover

| Specifications | | |
|---|---|---|
| Display | **Projection Technology** | 3LCD, 3 chip technology |
| | **Resolution** | WXGA 1280 x 800 |
| | **White Light Output** | 2,700 ANSI lumens |
| | **Color Light Output** | 2,700 ANSI lumens |
| | **Colors** | 16.7 million colors |
| | **Aspect Ratio** | Native 16:10 / 4:3 and 16:9 compatible |
| | **Contrast Ratio** | 5000 : 1 (using active IRIS) |
| | **Throw Ratio** (distance : width) | 0.2 : 1 from edge of projector to screen<br>0.3 : 1 from mirror cover to screen |
| | **Focus Distance** | 16" - 27" from mirror cover to screen |
| | **Display Size** | 60" - 100" |
| Lens & Operation | **Lens** | F = 1.8, f = 4.21 mm |
| | **Lamp Wattage** | 250W |
| | **Expected Lamp Life*** | Approximately 2,500 hours (standard mode)<br>4,000 hours (Eco mode) |
| | **Expected Filter Life**** | Approximately 4,000 hours |
| | **Speaker Output** | 16W x 1 |
| | **Keystone** | H and V: +/- 5° |
| Compatibility | **Computer** | VGA, SVGA, XGA, WXGA, WXGA+/SXGA/WSXGA+/UXGA (compressed), MAC 16" |
| | **H-Sync** | 15 kHz - 106 kHz |
| | **V-Sync** | 50 Hz - 120 Hz |
| | **Composite Video** | NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM |
| | **Component Video** | 480i, 480p, 576i, 720p, 1080i, 1080p |
| | **HDMI** | 480i, 480p, 576i, 720p, 1080i, 1080p, computer signal TMDS clock 27 MHz - 150 MHz |
| Connectors | **Digital Input** | HDMI x 2 (HDCP compliant) |
| | **Computer Input 1** | 15-pin mini D-sub x 1 |
| | **Computer Input 2** | 15-pin mini D-sub x 1 |
| | **Computer Monitor Output** | 15-pin mini D-sub x 1 (shared with computer in 2) |
| | **Video Input** | |
| | S-Video | N/A |
| | Composite Video | RCA jack x 1 |
| | Component Video | 15-pin D-sub x 2 (shared with computer in 1/2) |
| | **Audio Input** | 3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1, MIC-in 3.5 mm mini jack x 1 |
| | **Audio Output** | 3.5 mm stereo mini jack x 1 |
| | **Network LAN Wired** | RJ-45 port (10 base-T / 100 base-TX) |
| | **Network LAN Wireless** | USB-A, IEEE802.11 b/g/n - optional wireless adapter required |
| | **USB** | Type A x 2 (PC-less presentation, wireless adapter)<br>Type B x 1 (USB display or mouse control) |
| | **Control Terminals** | 9-pin D-sub x 1 (RS-232 control) |
| Ratings & Warranty | **Power Supply** | AC100-120V / AC220-240V, 50/60Hz |
| | **Power Consumption** | 360W |
| | **Operating Temperature** | 32°F - 104°F (0°C - 40°C) |
| | **Dimensions (W x D x H)** | 14.8" x 14.2" x 5.4" (excluding protruding parts) |
| | **Weight** | Approximately 9.5 lbs |
| | **Approvals** | UL 60950-1 / cUL, FCC part 15 subpart B Class B |
| | **Warranty** | 3 year limited parts and labor<br>Extended Service Contract available (additional cost) |

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